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FILE LAST UPDATED: 7 Jan 2007 (20070107/ED)

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=> s polyfluoroalkyl iodide (p) ethylene (p) copper
1610 POLYFLUOROALKYL
1 POLYFLUOROALKYLS
1610 POLYFLUOROALKYL
(POLYFLUOROALKYL OR POLYFLUOROALKYLS)
180541 IODIDE
24898 IODIDES
190628 IODIDE
(IODIDE OR IODIDES)
91 POLYFLUOROALKYL IODIDE
(POLYFLUOROALKYL (W) IODIDE)
538368 ETHYLENE
3381 ETHYLENES
539855 ETHYLENE
(ETHYLENE OR ETHYLENES)
918588 COPPER
443 COPPERS
918652 COPPER
(COPPER OR COPPERS)
1 POLYFLUOROALKYL IODIDE (P) ETHYLENE (P)

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NEWS 4 AUG 28 ADISCTI Reloaded and Enhanced
NEWS 5 AUG 30 CA(SM)/CAplus(SM) Austrian patent law changes
NEWS 6 SEP 21 CA/CAplus fields enhanced with simultaneous left and right truncation
NEWS 7 SEP 25 CA(SM)/CAplus(SM) display of CA Lexicon enhanced
NEWS 8 SEP 25 CAS REGISTRY(SM) no longer includes Concord 3D coordinates
NEWS 9 SEP 25 CAS REGISTRY(SM) updated with amino acid codes for pyrrolysine
NEWS 10 SEP 28 CEABA-VTB classification code fields reloaded with new classification scheme
NEWS 11 OCT 19 LOGOFF HOLD duration extended to 120 minutes
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NEWS 13 OCT 23 Option to turn off MARPAT highlighting enhancements available
NEWS 14 OCT 23 CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS 15 OCT 23 The Derwent World Patents Index suite of databases on STN has been enhanced and reloaded
NEWS 16 OCT 30 CHEMLIST enhanced with new search and display field
NEWS 17 NOV 03 JAPIO enhanced with IPC 8 features and functionality
NEWS 18 NOV 10 CA/CAplus F-Term thesaurus enhanced
NEWS 19 NOV 10 STN Express with Discover! free maintenance release Version 8.01c now available
NEWS 20 NOV 20 CAS Registry Number crossover limit increased to 300,000 in additional databases
NEWS 21 NOV 20 CA/CAplus to MARPAT accession number crossover limit increased to 50,000
NEWS 22 DEC 01 CAS REGISTRY updated with new ambiguity codes
NEWS 23 DEC 11 CAS REGISTRY chemical nomenclature enhanced
NEWS 24 DEC 14 WPIDS/WPINDEX/WPIX manual codes updated
NEWS 25 DEC 14 GBFULL and FRFULL enhanced with IPC 8 features and functionality
NEWS 26 DEC 18 CA/CAplus pre-1967 chemical substance index entries enhanced with preparation role
NEWS 27 DEC 18 CA/CAplus patent kind codes updated
NEWS 28 DEC 18 MARPAT to CA/CAplus accession number crossover limit increased to 50,000
NEWS 29 DEC 18 MEDLINE updated in preparation for 2007 reload
NEWS 30 DEC 27 CA/CAplus enhanced with more pre-1907 records

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS STN Operating Hours Plus Help Desk Availability

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NEWS IPC8 For general information regarding STN implementation of IPC 8

=> d 11 ibib ab

L1 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:1006848 CAPLUS
DOCUMENT NUMBER: 140:17105
TITLE: Metallic copper catalyst for polyfluoroalkylethyl iodide production and process for producing polyfluoroalkylethyl iodides
INVENTOR(S): Funakoshi, Yoshiro; Miki, Jun
PATENT ASSIGNEE(S): Daikin Industries, Ltd., Japan
SOURCE: PCT Int. Appl., 21 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003106023	A1	20031224	WO 2003-JP7643	20030617
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003241701	A1	20031231	AU 2003-241701	20030617
CN 1662302	A	20050831	CN 2003-814144	20030617
US 2005250966	A1	20051110	US 2004-516940	20041215
PRIORITY APPLN. INFO.:			JP 2002-175381	A 20020617
			WO 2003-JP7643	W 20030617

OTHER SOURCE(S): MARPAT 140:17105

AB Copper catalyzes the addition of ethylene to polyfluoroalkyl iodides to prepare polyfluoroalkylethyl iodides. Thus, 138.6 g C2F5I, 8.21 g Cu, and 1.0 MPa C2H4 were heated 80 min at 80° to give perfluoroethyl iodide at selectivity 99.8% and C2F5I conversion 99.5%.

REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s polyfluoromethyl iodide (p) (ethylene) (P) copper
17 POLYFLUOROMETHYL

180541 IODIDE

24898 IODIDES

190628 IODIDE

(IODIDE OR IODIDES)

0 POLYFLUOROMETHYL IODIDE

(POLYFLUOROMETHYL (W) IODIDE)

538368 ETHYLENE

3381 ETHYLENES

539855 ETHYLENE

(ETHYLENE OR ETHYLENES)

918588 COPPER

443 COPPERS

918652 COPPER

(COPPER OR COPPERS)

L2 0 POLYFLUOROMETHYL IODIDE (P) (ETHYLENE) (P) COPPER

=> d his

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FILE 'CAPLUS' ENTERED AT 11:42:36 ON 08 JAN 2007

L1 1 S POLYFLUOROALKYL IODIDE (P) ETHYLENE (P) COPPER
L2 0 S POLYFLUOROMETHYL IODIDE (P) (ETHYLENE) (P) COPPER

=> s polyfluoroethyl iodide (p) (ethylene) (P) copper

17 POLYFLUOROETHYL

180541 IODIDE

24898 IODIDES

190628 IODIDE

(IODIDE OR IODIDES)

0 POLYFLUOROETHYL IODIDE

(POLYFLUOROETHYL (W) IODIDE)

538368 ETHYLENE

3381 ETHYLENES

539855 ETHYLENE

(ETHYLENE OR ETHYLENES)

918588 COPPER

443 COPPERS

918652 COPPER

(COPPER OR COPPERS)

L3 0 POLYFLUOROETHYL IODIDE (P) (ETHYLENE) (P) COPPER

=> s polyfluoroethyl iodide (l) (ethylene) (l) copper

17 POLYFLUOROETHYL

180541 IODIDE

24898 IODIDES

190628 IODIDE

(IODIDE OR IODIDES)

0 POLYFLUOROETHYL IODIDE

(POLYFLUOROETHYL (W) IODIDE)

538368 ETHYLENE

3381 ETHYLENES

539855 ETHYLENE

(ETHYLENE OR ETHYLENES)

918588 COPPER

443 COPPERS

918652 COPPER

(COPPER OR COPPERS)

L4 0 POLYFLUOROETHYL IODIDE (L) (ETHYLENE) (L) COPPER

=> s polyfluoropropyl iodide (l) (ethylene) (l) copper

9 POLYFLUOROPROPYL

180541 IODIDE

24898 IODIDES

190628 IODIDE

(IODIDE OR IODIDES)

0 POLYFLUOROPROPYL IODIDE

(POLYFLUOROPROPYL (W) IODIDE)

538368 ETHYLENE

3381 ETHYLENES

539855 ETHYLENE

(ETHYLENE OR ETHYLENES)

918588 COPPER

443 COPPERS

918652 COPPER

(COPPER OR COPPERS)

L5 0 POLYFLUOROPROPYL IODIDE (L) (ETHYLENE) (L) COPPER

=> s polyfluorobutyl iodide (l) (ethylene) (l) copper

3 POLYFLUOROBUTYL

180541 IODIDE
24898 IODIDES
190628 IODIDE
(IODIDE OR IODIDES)
1 POLYFLUOROBUTYL IODIDE
(POLYFLUOROBUTYL (W) IODIDE)
538368 ETHYLENE
3381 ETHYLENES
539855 ETHYLENE
(ETHYLENE OR ETHYLENES)
918588 COPPER
443 COPPERS
918652 COPPER
(COPPER OR COPPERS)
L6 0 POLYFLUOROBUTYL IODIDE (L) (ETHYLENE) (L) COPPER

=> s polyfluoropentyl iodide (1) (ethylene) (1) copper

3 POLYFLUOROPENTYL
180541 IODIDE
24898 IODIDES
190628 IODIDE
(IODIDE OR IODIDES)
0 POLYFLUOROPENTYL IODIDE
(POLYFLUOROPENTYL (W) IODIDE)
538368 ETHYLENE
3381 ETHYLENES
539855 ETHYLENE
(ETHYLENE OR ETHYLENES)
918588 COPPER
443 COPPERS
918652 COPPER
(COPPER OR COPPERS)

L7 0 POLYFLUOROPENTYL IODIDE (L) (ETHYLENE) (L) COPPER

=> s polyfluorohexyl iodide (1) (ethylene) (1) copper

0 POLYFLUOROHEXYL
180541 IODIDE
24898 IODIDES
190628 IODIDE
(IODIDE OR IODIDES)
0 POLYFLUOROHEXYL IODIDE
(POLYFLUOROHEXYL (W) IODIDE)
538368 ETHYLENE
3381 ETHYLENES
539855 ETHYLENE
(ETHYLENE OR ETHYLENES)
918588 COPPER
443 COPPERS
918652 COPPER
(COPPER OR COPPERS)

L8 0 POLYFLUOROHEXYL IODIDE (L) (ETHYLENE) (L) COPPER